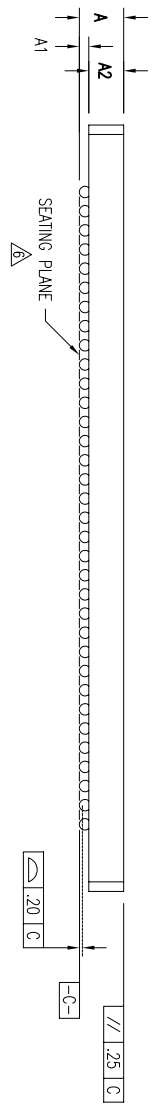
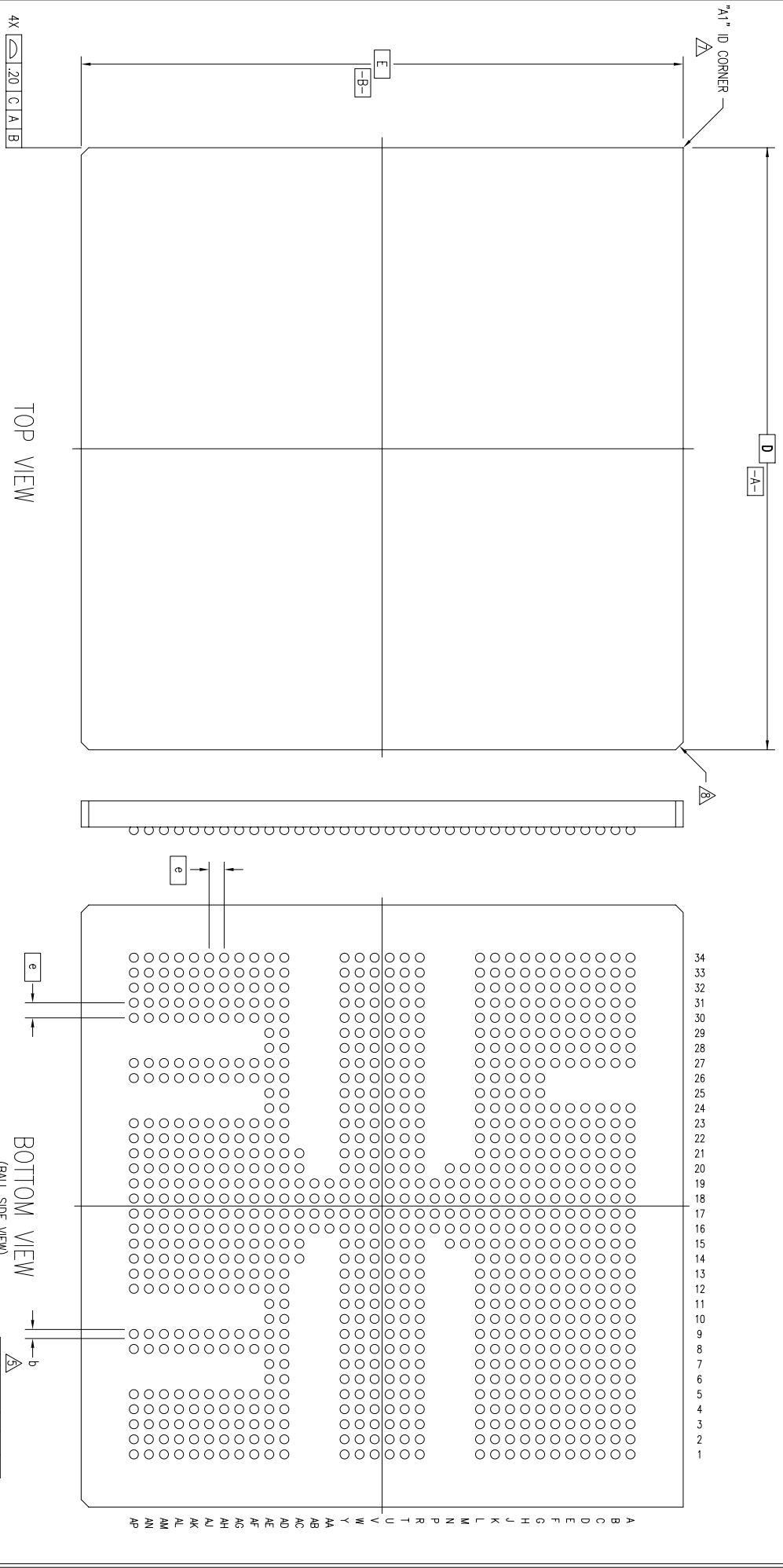


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	08/28/03	TU VU
01	COMBINE POD & LAND PATTERN	06/04/13	KS



TOLERANCES UNLESS SPECIFIED	
DECIMAL	±
ANGULAR	±
XXX±	
XXXX±	
XXXX±	
APPROVALS	DATE
DRAWN 379	07/05/03
CHECKED	
SIZE C	DRAWING NO. PSC-4122
DO NOT SCALE DRAWING	SHEET 1 OF 3

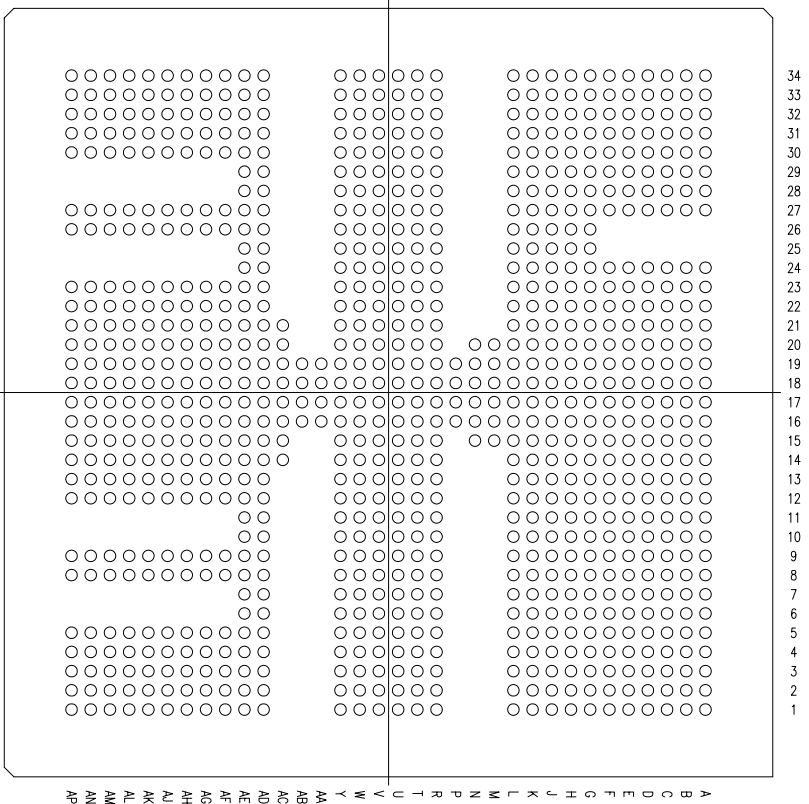
IDT 6024 SILVER CREEK VALLEY ROAD
 San Jose, CA 95138
 PHONE: (408) 284-8200
 www.IDT.com FAX: (408) 492-8674

TITLE BM 900 PACKAGE OUTLINE
 40.0 X 40.0 mm BODY
 1.0 mm BALLPITCH FCBCA

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	08/28/03	TU VU
01	COMBINE POD & LAND PATTERN	06/04/13	KS

NOTES:

- 1 ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5M-1982
- 2 "e" REPRESENTS THE BASIC SOLDER BALL GRID PITCH
- 3 "M" REPRESENTS THE MAXIMUM SOLDER BALL MATRIX SIZE
- 4 "N" REPRESENTS THE BALLCOUNT NUMBER
- 5 DIMENSION "b" IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER, PARALLEL TO PRIMARY DATUM [C]
- 6 SEATING PLANE AND PRIMARY DATUM [C] ARE DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS
- 7 "A1" ID CORNER MUST BE IDENTIFIED BY CHAMFER, INK MARK, METALLIZED MARKING, INDENTATION OR OTHER FEATURE ON PACKAGE BODY
- 8 EXACT SHAPE OF EACH CORNER IS OPTIONAL
- 9 ALL DIMENSIONS ARE IN MILLIMETERS



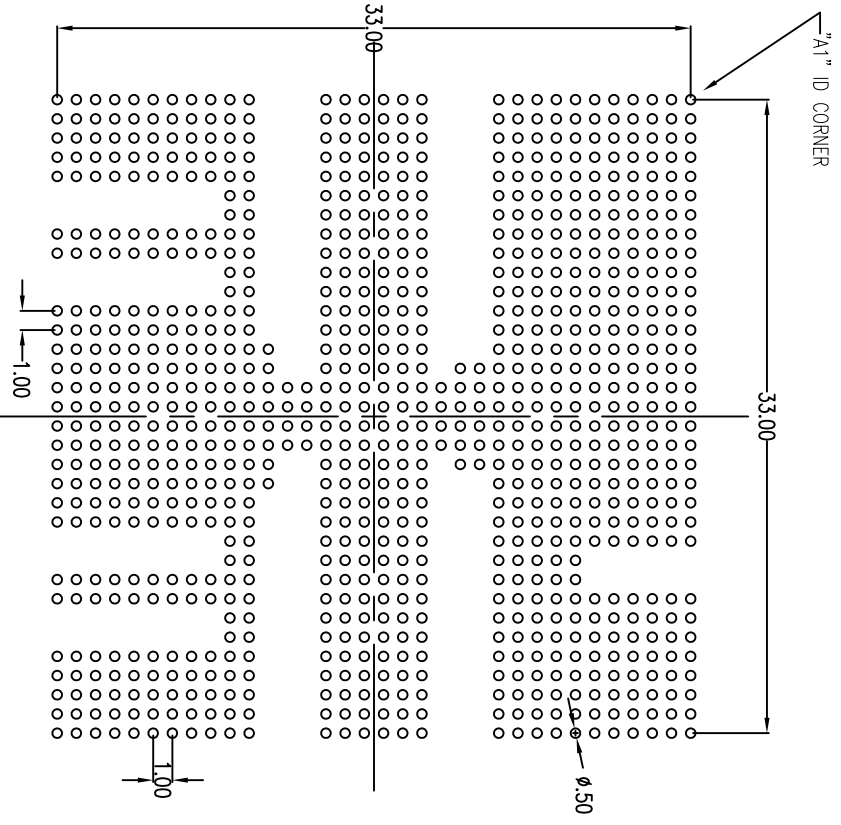
BOTTOM VIEW
(BALL SIDE VIEW)

SYMBOL	JEDEC VARIATION			NOTE
	MIN	NOM	MAX	
A	—	—	3.42	
A1	.30	—	—	
A2	2.16	—	2.82	
D	40.00 BSC			
E	40.00 BSC			
M	34 (DEPOPULATED)			3
N	900			4
e	1.00 BSC			
b	.50	.60	.70	5
CENTER BALL MATRIX	N/A			

TOLERANCES UNLESS SPECIFIED		DATE	
DECIMAL	ANGULAR	DATE	
XXX±	±	07/05/03	
XXXX±			
XXXX±			
APPROVALS	TITLE	DRAWING NO.	
DRAWN 97J	BM 900 PACKAGE OUTLINE	PSC-4122	
CHECKED	40.0 X 40.0 mm BODY	REV 01	
	1.0 mm BALLPITCH FC8GA	SHEET 2 OF 3	
	DO NOT SCALE DRAWING		


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	08/28/03	TU VU
01	COMBINE POD & LAND PATTERN	06/04/13	KS



RECOMMENDED LAND PATTERN DIMENSION

- NOTE:**
- 1) ALL dimensions are in mm, Angles in degrees.
 - 2) Top down view, as view on PCB.
 - 3) NSMD Land Pattern Assumed
 - 4) Land Pattern Recommendation as per IPC-7351B generic requirement for surface mount design and Land Pattern.

TOLERANCES UNLESS SPECIFIED		DATE	
DECIMAL	ANGULAR	07/05/03	
±			
 6024 SILVER CREEK VALLEY ROAD San Jose, CA 95138 PHONE: (408) 294-8200 FAX: (408) 492-8674 www.idt.com		TITLE: BM 900 PACKAGE OUTLINE 40.0 X 40.0 mm BODY 1.0 mm BALLPITCH F08GA	
APPROVALS	DATE	SIZE	DRAWING No.
XXX± XXX± XXX± XXX±		C	PSC-4122
DRAWN 97J	07/05/03		
CHECKED			
DO NOT SCALE DRAWING		SHEET	3 OF 3